AMENDMENTS TO THE CLAIMS

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-44. (Cancelled).

1	45.	(Currently amended) A machine-implemented method, comprising the steps of:
2		a service requestor using an Internet Protocol (IP) address to access address
3		requests to a service provided by a first node within a cluster, wherein said
4		first node is configured to provide said service to requests addressed to
5		said IP address;
6		in response to said first node becoming unavailable, automatically configuring a
7		second node of the cluster to respond to requests associated with addressed
8		to said IP address;
9		after said first node becomes unavailable, the service requestor using said IP
10		address to send address a message to said cluster related to said service;
11		and
12		in response to said message, said second node of the cluster sending a response
13		that indicates an error condition.
1	46.	(Currently amended) The method of Claim 45, further comprising the steps of:
2		upon receiving said response, the service requestor identifying a second IP address
3		to access said service; and
4		the service requestor using said second IP address to send address a second
5		message to said cluster related to said service.
1	47.	(Previously presented) The method of Claim 45, further comprising the step of:
2		storing, at the first node, information identifying one or more nodes of the cluster
3		as being standby nodes, wherein each of the one or more standby nodes
4	·	may be instructed to provide the service if the first node becomes
5		unavailable.

1 48. (Previously presented) The method of Claim 45, further comprising the step of: 2 in response to said first node becoming unavailable, determining if said first node 3 is configured to allow the service to be provided by another node of the 4 cluster. (Previously presented) The method of Claim 48, further comprising the step of: 1 49. 2 in response to determining said first node is configured to allow the service to be 3 provided by another node of the cluster, determining a standby node of the 4 cluster to perform the service; and instructing the standby node to perform the service. 5 50. 1 (Previously presented) The method of Claim 45, further comprising the steps of: 2 in response to said first node becoming unavailable, instructing a standby node of 3 the cluster to perform the service; 4 determining if the plurality of services provided by the standby node may be 5 provided by another node of the cluster; and 6 if the plurality of services provided by the standby node may not be provided by 7 another node of the cluster, configuring the standby node to disallow the 8 plurality of services to be provided by another node of the cluster. 51. 1 (Previously presented) The method of Claim 50, further comprising the step of: 2 in response to configuring the standby node to disallow the plurality of services to 3 be provided by another node of the cluster, issuing an alert to a user. 52. 1 (Previously presented) The method of Claim 45, wherein said first node comprises 2 a monitor process, and wherein said monitor process is configured to detect if said 3 first node becoming unavailable. 1 53. (Currently amended) A machine-readable medium carrying one or more 2 sequences of instructions, wherein execution of the one or more sequences of 3 instructions by one or more processors causes the one or more processors to 4 perform the steps of, comprising the steps of:

5		a service requestor using an internet Protocol (IP) address to access address
6		requests to a service provided by a first node within a cluster, wherein said
7		first node is configured to provide said service to requests addressed to
8		said IP address;
9		in response to said first node becoming unavailable, automatically configuring a
10		second node of the cluster to respond to requests associated with addressed
11		to said IP address;
12		after said first node becomes unavailable, the service requestor using said IP
13		address to send address a message to said cluster related to said service;
14		and
1,5		in response to said message, said second node of the cluster sending a response
16		that indicates an error condition.
1	54.	(Currently amended) The machine-readable medium of Claim 53, wherein
2		execution of the one or more sequences of instructions by the one or more
3		processors causes the one or more processors to perform the steps of:
4		upon receiving said response, the service requestor identifying a second IP address
5		to access said service; and
6		the service requestor using said second IP address to send address a second
7		message to said cluster related to said service.
1	55.	(Previously presented) The machine-readable medium of Claim 53, wherein
2		execution of the one or more sequences of instructions by the one or more
3		processors causes the one or more processors to perform the step of:
4		storing, at the first node, information identifying one or more nodes of the cluster
5		as being standby nodes, wherein each of the one or more standby nodes
6		may be instructed to provide the service if the first node becomes
7		unavailable.
1	56.	(Previously presented) The machine-readable medium of Claim 53, wherein
2		execution of the one or more sequences of instructions by the one or more
3		processors causes the one or more processors to perform the step of:

4		in response to said first node becoming unavailable, determining it said first node
5		is configured to allow the service to be provided by another node of the
6		cluster.
1	57.	(Previously presented) The machine-readable medium of Claim 56, wherein
2		execution of the one or more sequences of instructions by the one or more
3		processors causes the one or more processors to perform the step of:
4		in response to determining said first node is configured to allow the service to be
5		provided by another node of the cluster, determining a standby node of the
6		cluster to perform the service; and
7		instructing the standby node to perform the service.
1	58.	(Previously presented) The machine-readable medium of Claim 53, wherein
2		execution of the one or more sequences of instructions by the one or more
3		processors causes the one or more processors to perform the steps of:
4		in response to said first node becoming unavailable, instructing a standby node of
5		the cluster to perform the service;
6		determining if the plurality of services provided by the standby node may be
7		provided by another node of the cluster; and
8		if the plurality of services provided by the standby node may not be provided by
9	•	another node of the cluster, configuring the standby node to disallow the
10		plurality of services to be provided by another node of the cluster.
1	59.	(Previously presented) The machine-readable medium of Claim 58, wherein
2		execution of the one or more sequences of instructions by the one or more
3		processors causes the one or more processors to perform the step of:
4		in response to configuring the standby node to disallow the plurality of services to
5		be provided by another node of the cluster, issuing an alert to a user.
1	60.	(Previously presented) The machine-readable medium of Claim 53, wherein said
2		first node comprises a monitor process, and wherein said monitor process is
3		configured to detect if said first node becoming unavailable.